

LISTING OF CLAIMS

1-24. (Cancelled)

25. (Currently amended) A method of mounting an acoustic transducer with respect to an acoustically transmissive structural mounting member characterized by providing a location-defining and acoustically isolating structure as a single unitary structure ~~comprising a~~ formed of non-elastomeric polymeric plastics material and ~~the material providing~~ having hingedly interconnected opposed portions of bushing means adapted to snap-fit together on opposite sides of the acoustic transducer, placing the transducer between the opposed portions, hingedly closing the opposed portions along opposite sides of the transducer, and snap-fitting the opposed portions together about the transducer in a location-defining and acoustically isolating matter.

26. (Previously presented) A method as claimed in claim 25 in which the acoustic transducer, and the acoustically transmissive structural mounting member form part of a system for three-dimensional coordinate determination, and the method provides a means for mounting the acoustic emitter or detector within the system.

27. (Previously presented) A method as claimed in claim 26 in which the non-elastomeric materials is polypropylene.

28. (Previously presented) A method as claimed in claim 26 in which the non-elastomeric material is a nylon derivative.

29. (Previously presented) A method as claimed in claim 26 in which the non-elastomeric material is acetyl.

30. (Withdrawn) A mounting for a sensor adapted to removably mount same with respect to a support while at least partially acoustically, electrically or thermally isolating same

from the support, characterized by the mounting comprising a non-elastomeric polymeric plastic bushing element adapted to be a press fit into a mounting opening in the support, and the bushing providing contact at a plurality of at least three spaced locations with respect to the mounting opening, whereby the bushing can accommodate a degree of non-circularity of the opening.

31. (Withdrawn) A mounting for a sensor adapted to removably mount same with respect to a support while at least partially acoustically, electrically or thermally isolating same from the support, characterized by the mounting comprising non-elastomeric polymeric plastic bushing elements adapted to snap-fit or clip together to engage the sensor and form a mounting bushing therefore.

32. (Withdrawn) A mounting according to claim 31 characterized by the busing elements being adapted to grip a conductor connected to a transducer or sensor as well as the transducer or sensor itself, whereby the bushing secures an end part of the conductor relative to the transducer so as to provide structure protecting the conductor and the transducer or sensor against damage caused by tension in the conductor.

33. (Withdrawn) A mounting according to claim 32 characterized by the bushing elements being formed as end-to-end complementary elements formed integrally in one piece, and interconnected by hinge means.

34. (Withdrawn) A mounting according to claim 33 further comprising an aperture defined within the mounting in the region of the hinge means, the aperture adapted to accommodate a conductor connected to the transducer or sensor.

35. (Withdrawn) A mounting as claimed in claim 34 in which the non-elastomeric plastic is polypropylene.

36. (Withdrawn) A mounting as claimed in claim 34 in which the non-elastomeric plastic is a nylon derivative.

37. (Withdrawn) A mounting as claimed in claim 34 in which the non-elastomeric plastic is acetyl.

38. (Withdrawn) A mounting as claimed in claim 37 in which the mounting is adapted to mount a sensor or the like within a system for three-dimensional coordinate determination.

39. (Cancelled)

40. (Currently amended) Apparatus for mounting an acoustic transducer with respect to an acoustically transmissive structural mounting member characterized by

location-defining and energy isolating structure including a single unitary structure formed of a non-elastomeric polymeric plastics material ~~to acoustically isolate the transducer; and the material providing and including~~ opposed portions of bushing means adapted to snap-fit together on opposite sides of the acoustic transducer,

hinge structure interconnecting the opposed portions for movement between open and closed conditions,

structure on the opposed portions operable in the closed condition for engaging an associated transducer in a location-defining and energy-isolating manner, and

snap structure on each of the opposed portions cooperating to snap-fit the opposed portions together in a closed condition.

41. (Previously presented) Apparatus as claimed in claim 40 in which the non-elastomeric plastic is polypropylene.

42. (Previously presented) Apparatus as claimed in claim 40 in which the non-elastomeric plastic is a nylon derivative.

43. (Previously presented) Apparatus as claimed in claim 40 in which the non-elastomeric plastic is acetyl.

44. (Previously presented) Apparatus as claimed in claim 43 in which the acoustic transducer, and the acoustically transmissive structural mounting member form part of a system for three-dimensional coordinate determination, and the apparatus provides a means for mounting the transducer with the system.

Respectfully submitted,

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